APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Electrolytic Machining of Metals,
by V. Kuptsov.
RUSSIAN, per, Nauka i Zhizn', No 6,
1966, pp 112-117.
J. Voronow
5230 Clairemont Mesa Blvd.
San Diego, California 92117

Sci-Mechanical
Oct 66
$2.50

312,177

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Expanding and Improving the Production of Clothing and Footwear, by N. Tarasov, 9 pp. RUSSIAN, per. Nauka i Zhizn', No 8, 1966, pp. 2-7.
JPRS 39305

USSR
Econ
Feb 67

315,212

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

The BESM-6 Computer, 8 pp.
RUSSIAN, per, Nauka i Zhizn', No. 10, 1966,
pp. 30-32a.
JPRS 38941

USSR
Sci-Math Sci
Dec 66

315,747

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Operation "Ore" - From the Memoirs of Acad. L. A. Zil'ber, 19 pp.
RUSSIAN, per, Nauka i Zhizn', No. 12, Dec 1966, pp. 55-63.
JPRS 40180

USSR
Sci-E&M
Apr 67

321,049

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Problems of Development of Electric Power, by V. Kirillin, 22 pp.
RUSSIAN, per, Nauka i Zhizn', No 2, Feb 1967, pp. 29-32.
JPRS 40665

USSR
Sci-Elec-Electronic Engr.
May 67

325,320

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

The Blast at Medeo, by M. Dokuchayev, 8 pp.
RUSSIAN, per, Nauka i Zhizn', No 3, 1967,
pp 100-103. P9110h6068
AEC UCRL-Trans-10199

Sci-Misc
Mar 68 350,703

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Dam Planned at Chambulak for Flash-Flood Protection, by N. Dokuchayev, 6 pp.
RUSSIAN, per, Nauka i zhizn', No 3, Mar 1967, pp. 100-103.
JPRS 41327

USSR
Sci-Mech
Jul 67

328,693

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Creative and Exploratory Explosions, by
A. Romanhov and B. Melovatskiy, 13 pp.
RUSSIAN, per, Nauka i Zhizn', No 3, 1967,
pp 104-108. P91104606S
AEC UCRL-Trans-10199

Sci-Misc
Mar 68 350,707

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Controlled Explosion Finds Successful Use in the Dam Construction, by A. Romashov and B. Molovatskiy, 8 pp.
RUSSIAN, per, Nauka i zhizn', No 3, Mar 1967, pp. 104-107.
JPRS 4:387

USSR
Sci-Mech
Jul 67

328,694

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Science and Technology. Bureau of Foreign Scientific Technical Information - Tubular Filter.
RUSSIAN, per, Nauka i Zhizn, no 6, 1967, pp 120.
~~CSA-S-131~~

Sept 68

366,469

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

In Defense of Applied Mathematics, by N. Moiseyev, 15 pp.
RUSSIAN, per, Nauka i Zhizn, No 7, July 1967, pp. 16-24.
JPRS 42537

USSR
Sci-Electronics
Oct 67

341,600

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

"Cold" Plasma [Plasmotron Principles and Use] by I. Lumncharskaya and V. Shchipachev, 14 pp. RUSSIAN, per. Nauka i Zhizn, No 7, 1967, pp 32-39.
JPRS 42566

Sci-Physics
Oct 67

340,763

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Simulation -- A Tool in Making Forecasts and in Control, by N. Amosov, 15 pp.
RUSSIAN, per, Nauka i Zhizn, No. 7, July 1967, pp. 46-54.
JPRS 42537

USSR
Sci-E&M
Oct 67

341,601

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Advances in Neurological Research Help to Solve Problems in Technical Dependability, by L. Gazbaryan and Yu. Gasparyan, 11 pp. RUSSIAN, per. Nauka i zhizn', No 8, 1967, pp 100-104.
JPRS 43001

Sci-B and M
Oct 67

343.599

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Nuclear Weapons and Defense Against Them, by V. Mikhailov and I. Naumenko.
RUSSIAN, per, Nauka i Zhizn, Vol 34, No 9, 1967, pp 64-74.
NTC 71-13783-15F

Feb 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

New Physical Effects, by G. Askar'yan. 9 pp.
RUSSIAN, per, Nauka i Zhizn', No 10, 1967,
pp 101-105.
AIR/FTD/ M-24-126-69

sci./ physics
sept 69

391,002

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

The Volgo-Baltic Canal, 8 pp.
RUSSIAN, por, Nauka i Zhizn, Nov 1967,
pp 156-159.
DIA IN 907-68

USSR
Econ
Oct 68

366,749

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Influenza Under Siege, by E. Gorbunova,
10 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow,
Dec 67, pp. 2-5.
JPRS 44,930

Sci-Bio. and Med.Sci.
April 68

355,492

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Report on American Dolphin Studies, by J. Illude, 11 pp.
RUSSIAN, per, Nauka i Zhizn', No. 12, Moscow, 1967, pp. 54-58.
JPRS 44,617

Sci-Bio.and Med.Sci.
March 68 352,585

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

President of USSR Academy of Sciences Outlines Role of Soviet Research, by M.Keldysh, 7 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, Jan 68, pp. 4-9.
JPRS 44,940

Sci-Miscellaneous
April 68 355,449

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Soviet Contributions to Science Lauded, by
M. Keldysh, 6 pp.
RUSSIAN, per, Nauka i Zhizn, Moscow, No. 1, 1
1968, pp. 4-9.
JPRS 44,962

Sci-Scientists and Scientific Organizations
April 68 355,474

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Historical Inception and Utility of Organophosphorus Chemistry, by N. Kabachnik, 6 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, No 1, 1968, pp 15-19.
JPRS 46601

Sci-Chem
Oct 68

357.761

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Marshall Zakharov Traces Role of Science in Military Development, by M. Zakharov, 12 pp. RUSSIAN, per. Nauka i Zhizn', No 2, 1968, pp 2-19.
JPRS 45736

USSR
Mil
Jul. 68

360.041

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Major Developments in Armored Vehicles, by
A. Frunkin, V. Nedvedkov, 6 pp.
RUSSIAN, per, Nauka i Zhizn', No 2, 1968, pp 37-
40.
JPRS 45736

USSR
Mil
Jul 68

360.042

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

High Energy Physics Explores Strong and Ultra-strong Interactions, by A. Naumov, 7 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 3, 1968, pp 2-8.
JPRS 46601

Sci-Phys
Oct 68

367,766

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Radio Astronomy Explores the Planets, by
V. Kotel'nikov, 5 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 9, 1968,
pp 6-10.
JPRS 46601

Sci-Astron
Oct 68 357.762

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

British-Soviet Radar Probe of Venus, 5 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, No 3,
1968, pp 7-9.
JPRS 46602

Sci-Astron
Oct 68

367.763

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Laser Amplifiers in Radio Astronomy, 5 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 3,
1968, pp 9-10, 64.
JPRS 46601

Sci-Astron
Oct 68

367.764

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Scientist Reviews Problems of Space Psychology, by V. Lebedev, 12 pp. RUSSIAN, per, Nauka i zhizn', Moscow, No 3, 1960, pp 25-29. JPRS 4646

Sci/Space Tech 36h,44
Oct 60

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Soviet Scientists Discuss Organ Transplantations,
27 pp.
RUSSIAN, per, Nauka i Zhizn', No 4, 1968,
pp 78-96.
JPRS 45,963

Sci/[illegible]
Aug 68

362,586

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Concepts on Workings of Human Brain Traced, by
S. Barkisov, V. Zvorykin, 14 pp.
RUSSIAN, per, Nauka i Zhizn', No 5, 1968, pp 2-8.
JPRS 46,171

Sci/BRM
Aug 68

363,050

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

New Materials and Designs for Tanks Discussed, by Yu. Konyrev, 16 pp.
RUSSIAN, per. Nauka i Zhizn', No 5, 1968, pp 39-44.
JPRS 46081

USSR
Mil
Sop 68

365.305

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Serpukhov Synchroton is World's Biggest Proton Accelerator, 8 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 6, 1968, pp 2-8.
JPRS 46601

Sci-Phys
Oct 68 367.765

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Trace Elements in Fertilizers and Food Preparations, by Ya. Peyve, 6 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 7, 1963, pp 2-6.
JPRS 46601

Sci-Agri
Oct 63

367.767

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Panorama of Trace Elements Uses in Agriculture,
5 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 7, 1968,
pp 2-6.
JPRS 46601

Sci-Agri
Oct 68

367.768

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Ionospheric MHD Generator, by P. Poletavkin,
17 pp.
RUSSIAN, per, Nauka i Zhizn, Moscow, No 9,
1968, pp 34-40.
JPRS 46,941

Sci-Phys
Dec 68

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Cybernetic Model to Describe Fish Population,
by Anatoliy Davydov, 14 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, Oct
1968, pp 84-90.
JPRS 47,476

Sci-Ear Sci & Oceanog
Mar 69 375,969

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Accomplished At The Moscow Power Engineering Institute, by D. Anatol'yev. 14 pp.
RUSSIAN, rpt, Nauka i Zhizn', No 12, 1968, pp 57-62
AIR/FTD-HT-23-294-69

Sci/Behavioral and Social Sciences
Apr 70 405 940

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Problems in the Control of Economic Systems,
by V. A. Trapeznikov, 20 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 1,
Jan 1969, pp 10-20.
JPRS 47,681

USSR
Econ
Apr 69

378.329

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Civil Defense Stressed as Common Concern, by
V. Chuykov, 8 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, No 1, 1969,
pp 43-47.
JPRS 47772

USSR
Mil
Apr 69

379.261

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Reading Automation, by A. Zelentsov, 5 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, Feb 1969,
pp 30-32.
JPRS 47821

Sci-Cybernetics
May 69 381,286

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Myocardial Infarction, by Ye. I. Chazov.
RUSSIAN, per, Nauka i Zhizn, No 3, 1969.
NLL Ref: 6167.65 (107)

Sci/B&M
Mar 70

401,901

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Faster Than Everything.
RUSSIAN, per, Nauka i Zhizn, No 3, 1969,
pp 34-38.
DIA LN 78-70

Sci-Misc
Oct 69

395,064

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Biomechanics of Writing, by N. Sokolov, 15 pp.
RUSSIAN, por. Nauka i Zhizn', Moscow, No 4, Apr
1969, pp 36-43.
JPRS 48343

Sci-Cybernetics
July 69 387,955

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Economics and Fantasy, by V. Storozhenko,
10 pp,
RUSSIAN, per, Nauka i Zhizn', Moscow, no 6,
1969, pp 19-23.
JPRS 48572

Sci-Cybernetics
Aug 69

389,145

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Transformation of Energy in Biological Systems,
by V. Engol'gardt, 22 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, No 6,
1969, pp 33-45.
JPRS 48572

Sci-Cybernetics
Aug 69 389,146

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Science in the Service of Investigative Work,
by Natal'ya Kuznetsova, 5 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 6,
1969, pp 63-65.
JPRS 48572

Sci-Cybernetics
Aug 69

389.147

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Agrobiocenoses and Pest Control, by I, Pavlov,
11 pp.
RUSSIAN,per. Nauka i Zhizn, 1969, Moscow,
No 8, pp 90-94.
ACSI-K-1256

Jul 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Molecular Biology of the Future, by Francois Jacob,
10 pp.
RUSSIAN, per, Nauka i Zhizn, Nov 1969, pp 54-58.
Dept of Navy NIC Tr 3205
NAV/NIC/

May 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

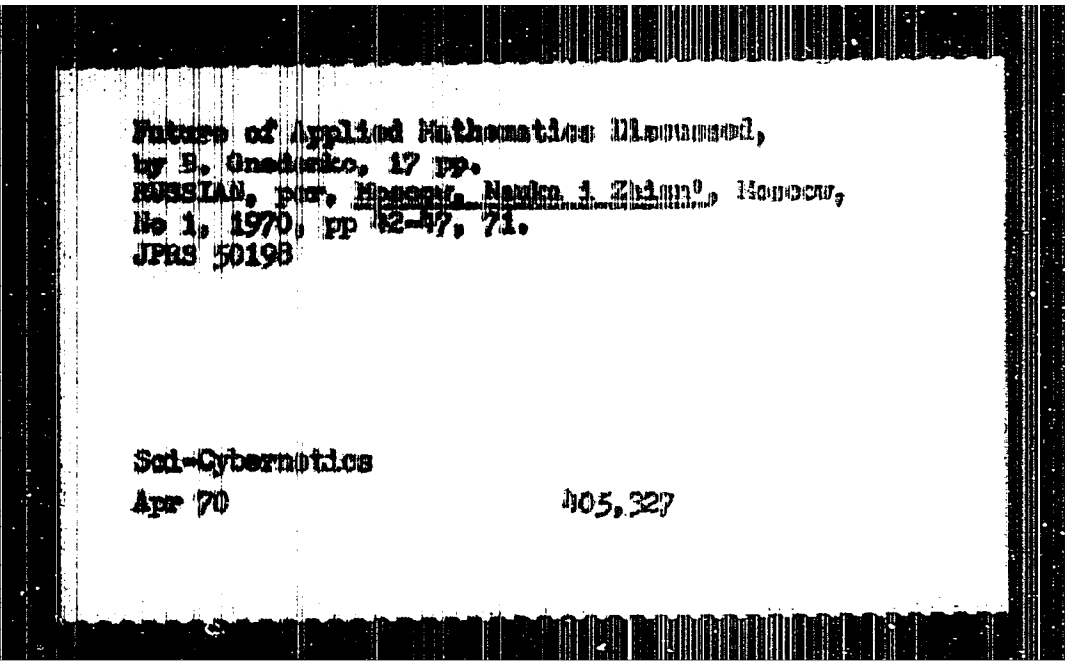
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

The megampere accelerator, by G.Askar'yan. 15 pp.
RUSSIAN, per, Nauka i zhizn', No 12, 1969, pp 27-32.
AIR/FTD-HT-23-1352-71

apr 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

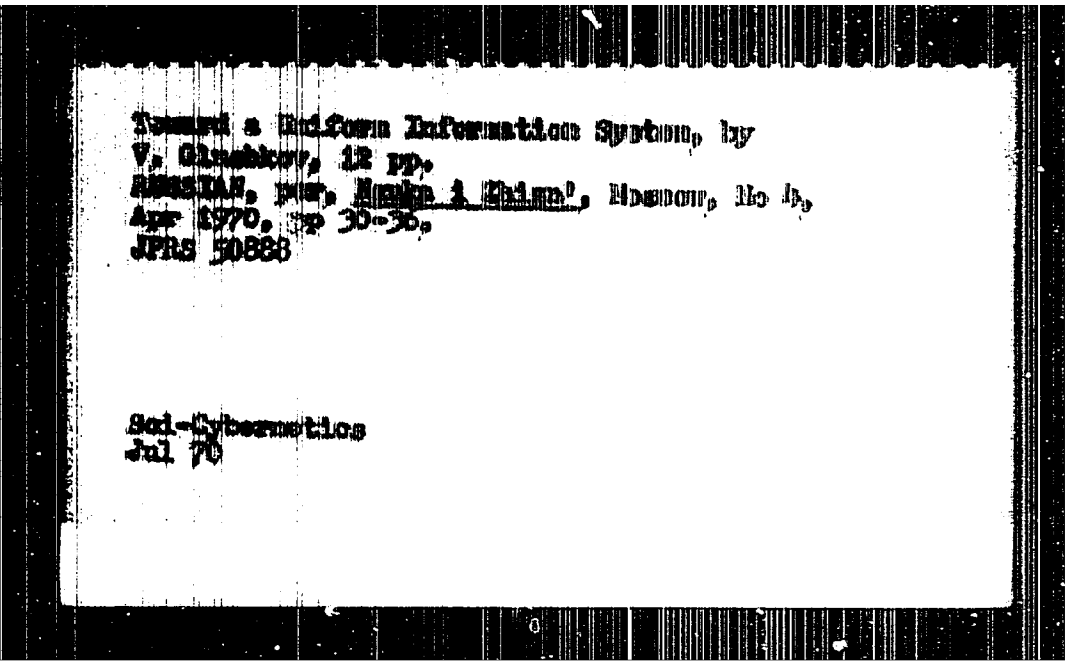


Future of Applied Mathematics Mammadl,
by E. Onaiko, 17 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow,
No 1, 1970, pp 42-47, 71.
JPRS 50198

Sci-Cybernetics
Apr 70 405,327

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

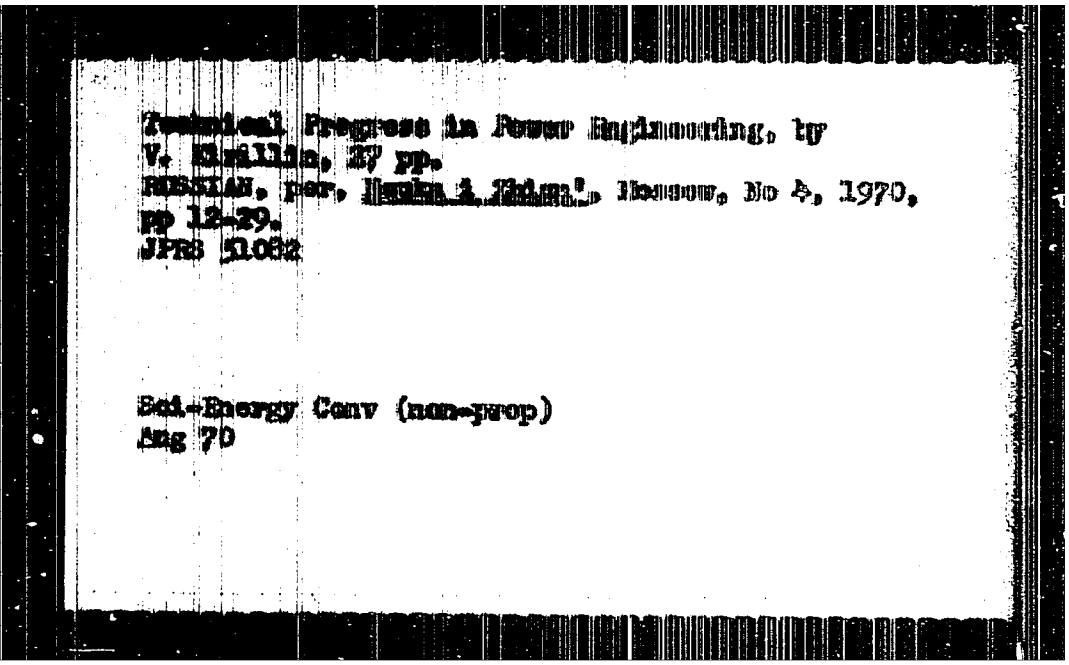


Toward a Uniform Information System, by
V. Glushkov, 12 pp.
ARMENIAN, per. Mysl' i Chlen', Yerevan, No 4,
Apr 1970, pp 30-36.
JPRS 50888

Sci-Cybernetics
Jul 70

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

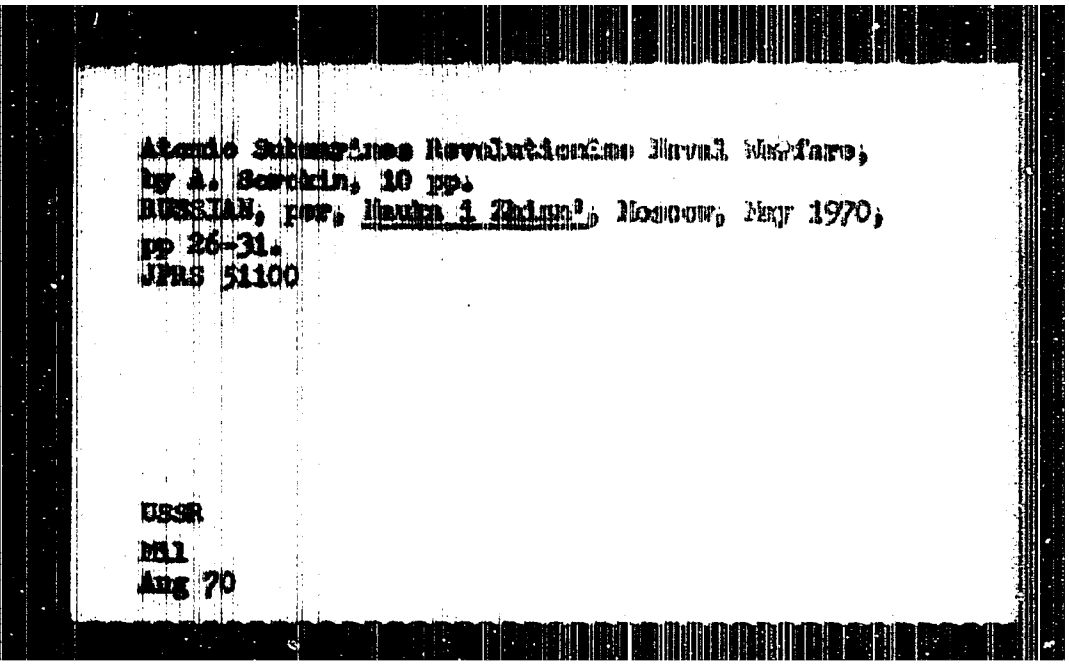


Technical Progress in Power Engineering, by
V. Kirillin, 27 pp.
RUSSIAN, per. Ikonika i Zhizn', Moscow, No 4, 1970,
pp 12-29.
JPRS 51052

Sol-Energy Conv (non-prop)
Aug 70

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6



Atomic Submarines Revolutionize Naval Warfare;
by A. Serbin, 10 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, May 1970,
pp 26-31.
JPRS 51100

USSR
Mil
Aug 70

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

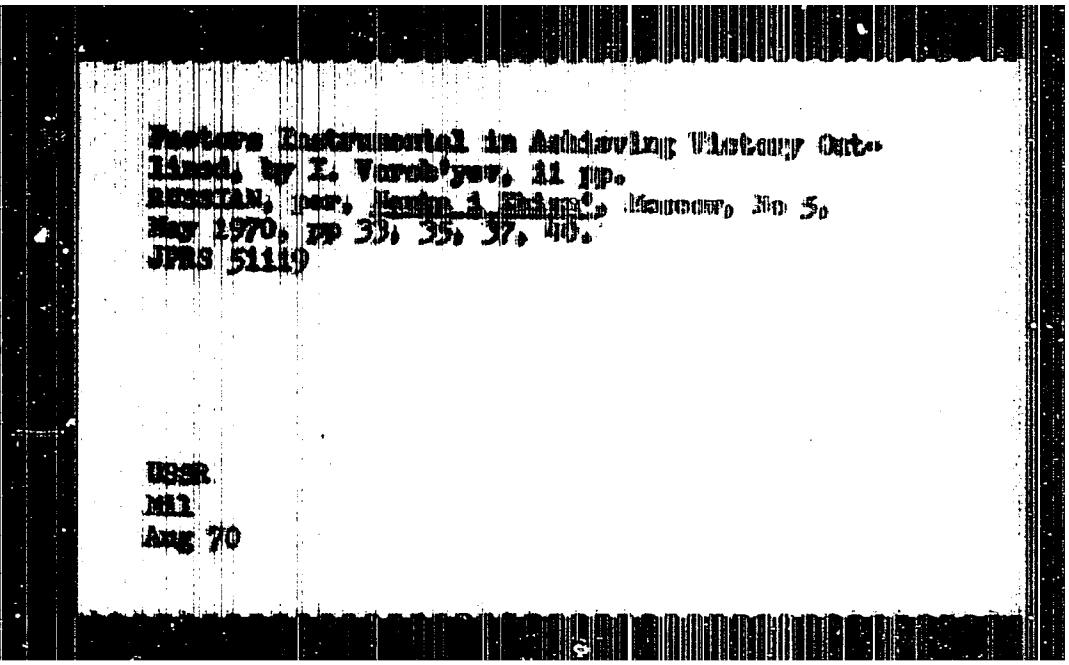
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Meteorology from Space Altitudes, by
K. Ya. Kondrat'yev, 15 pp.
RUSSIAN, per. Nauka i Chelm', Moscow, No 4, 1970,
pp 142-149.
JPRS 50814

Sci-Atmos Sci
July 70

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6



Factors Instrumental in Achieving Victory Out-
lined, by I. Vorob'yev, 11 pp.
KRASNYAN, [illegible], Moscow, No 5,
May 1970, pp 35, 35, 37, 40.
JPRS 51119

USSR
Mil
Aug 70

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

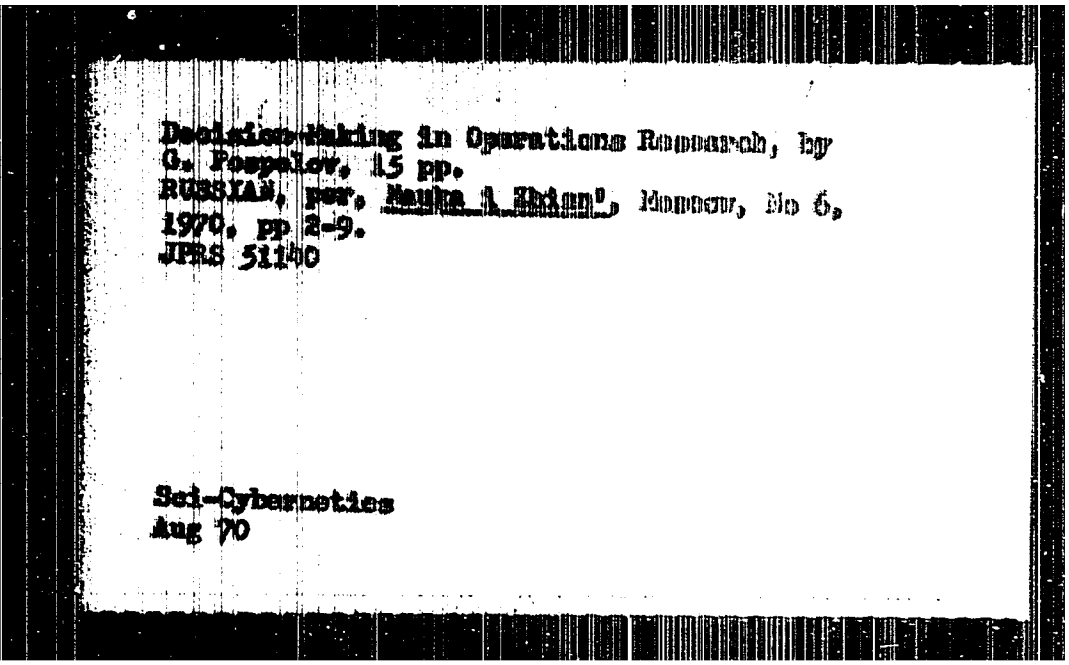
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

A New Transuranium Element Found in Nature, by Andrey Nikitin, 12 pp.
RUSSIAN, per, Nauka i Zhizn, No 5, 1970, pp 102-107.
AEC/ORNL-Tr-2428-71

Sci/Chem
Feb 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

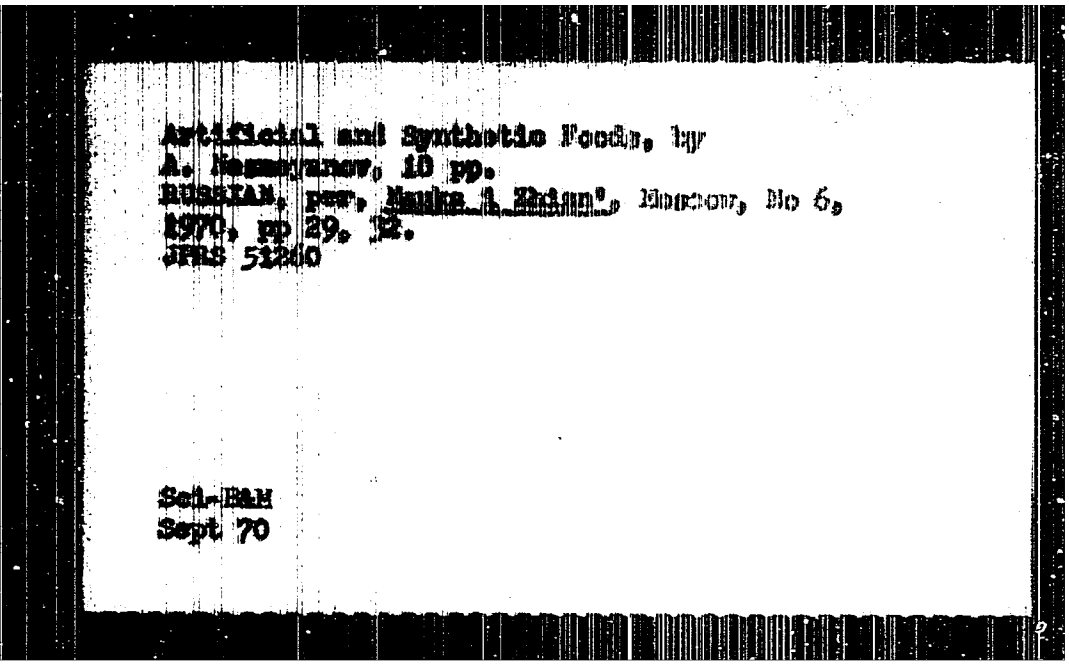


Decision-Making in Operations Research, by G. Pospelov, 15 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, No 6, 1970, pp 2-9.
JPRS 51140

Sci-Cybernetics
Aug 70

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6



Artificial and Synthetic Foods, by
A. Semenikhov, 10 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 6,
1970, pp 29, 32.
JPRS 51240

Sel-E&M
Sept 70

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

IBR -- Fast Pulsed Reactor, by Yu. Shabulin,
12 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, No 10,
1970, pp 2-8.
JPRS 52907

Sci-Phys
Apr 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Space Colors of the Earth, by K. Kondrat'-
yev, 7 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow,
No 12, 1970, pp 16-18.
JPRS 52615

Sci/Earth
Apr 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

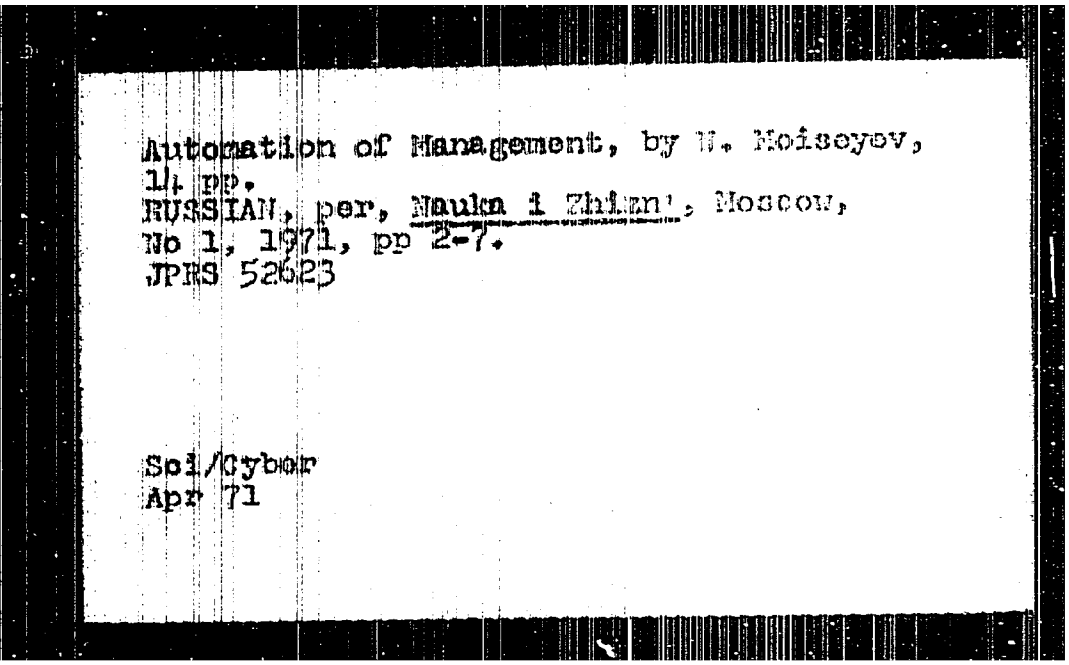
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

The situation and Its Model, by Dr. Bir,
12 pp.
RUSSIAN, per. Zemlya i Vselennaya, Moscow,
No 12, 1970, pp 58-65.
JPRS 52580

Scl/Cyber
Mar 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6



Automation of Management, by V. Moiseyev,
11 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow,
No 1, 1971, pp 2-7.
JPRS 52623

Sol/Cybor
Apr 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

D. Petrov

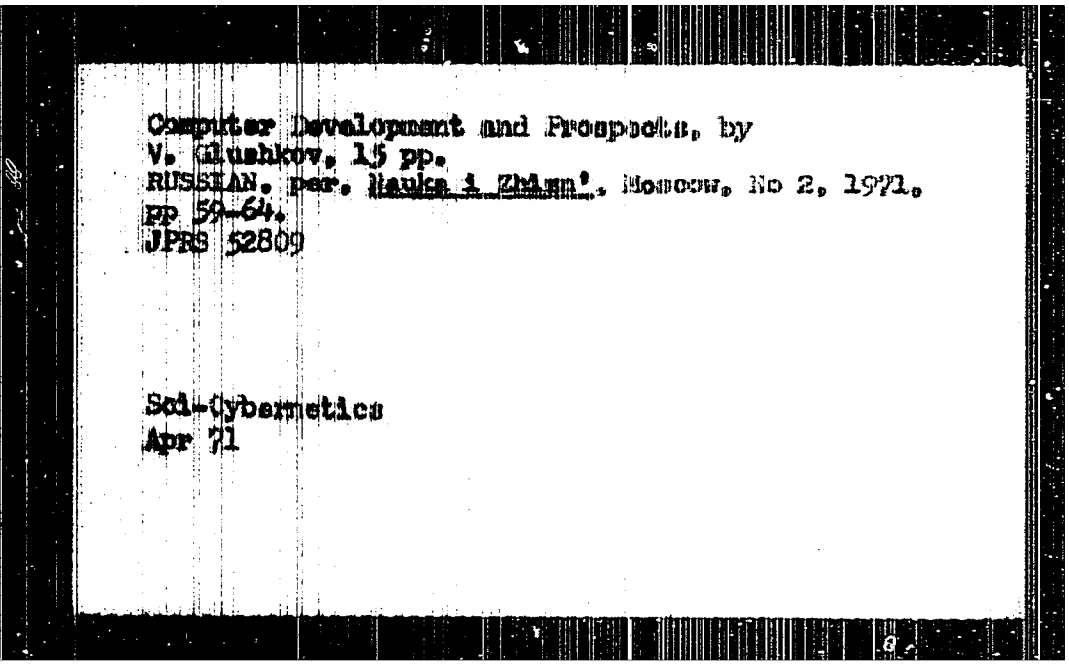
A single crystal serves as turbine blade.
7 pp.
RUSSIAN, Nauka i Zhizn', No 1, 1971, pp 131-133.
AIR/FTD-MT-24-2025-71

CSO: 0350/72 Computer Index

oct 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6



Computer Development and Prospects, by
V. Glushkov, 15 pp.
RUSSIAN. per. Nauka i Zhizn'. Moscow, No 2, 1971.
pp 59-64.
JPRS 52809

Sci-Cybernetics
Apr 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Soviet Science — The Workshop of Progress, by D.Gvishiani, 15 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 3, 1971, pp 2-9.
JPRS 53245

June 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

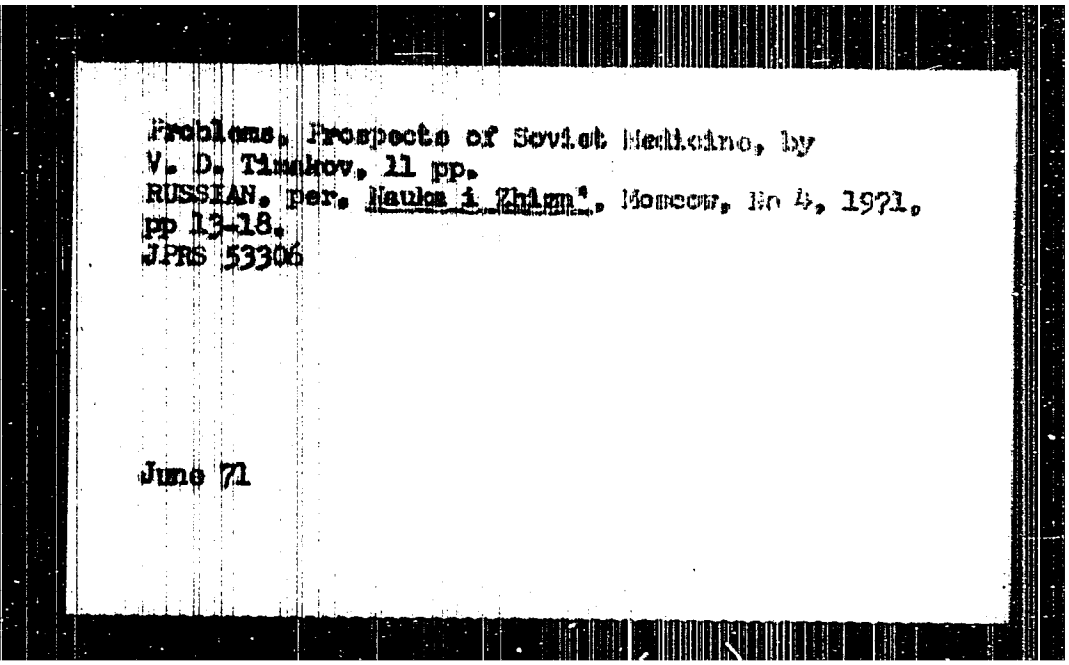
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Scientific Centers of the Future, by A. Pakitov,
9 pp.
RUSSIAN, per. Nauka i Zhizn, Moscow, No 3, 1971,
pp 40-45.
JPRS 53567

July 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6



Problems, Prospects of Soviet Medicine, by
V. D. Timakov, 11 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, No 4, 1971,
pp 13-18.
JPRS 53306

June 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Factors Influencing Choice of Occupation Discussed, by V. Shubkin, 14 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 5, May 1971, pp 68-73, 79.
JPRS 53427

July 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

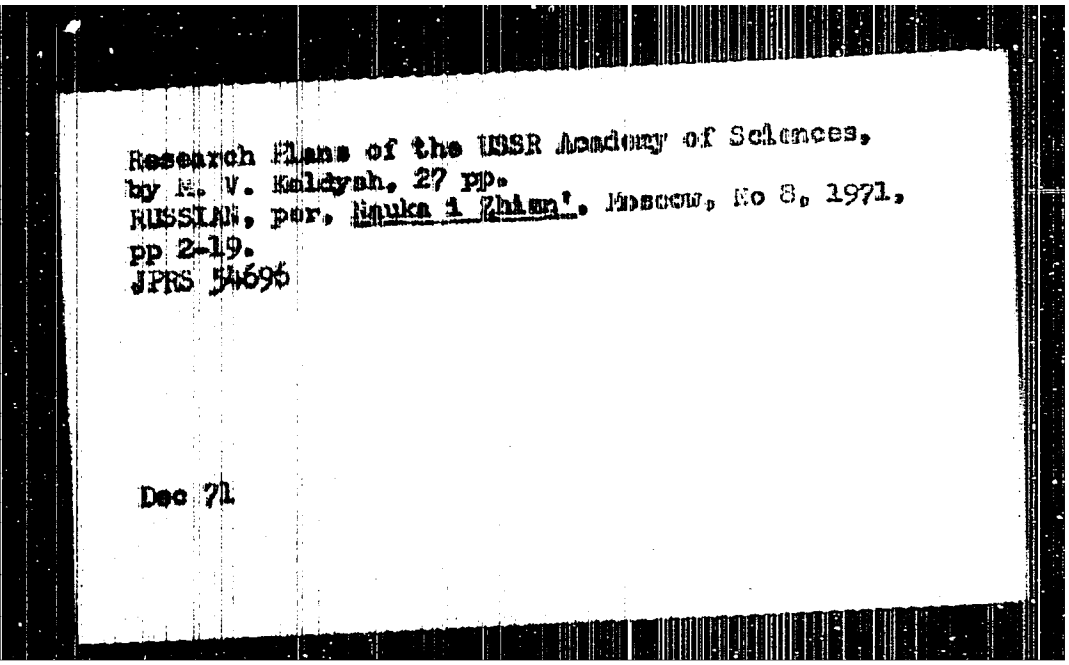
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Telephotographs of the Earth From Space, by
I. Bashilova, 7 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 7, 1972,
pp 44-47.
JPRS 53949

Sept 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

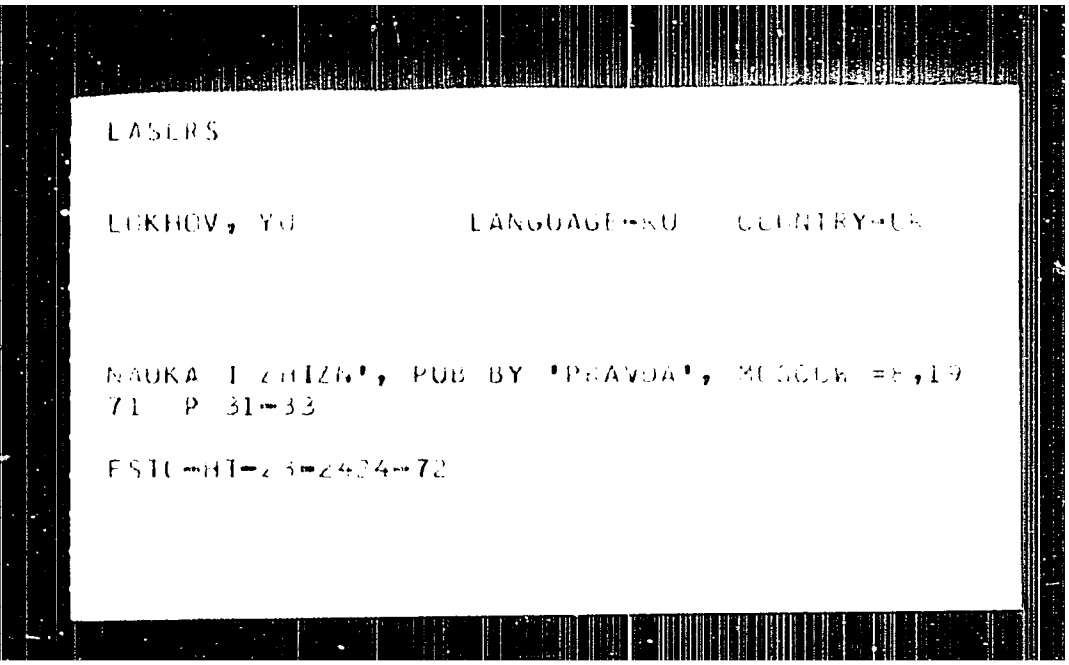


Research Plans of the USSR Academy of Sciences,
by M. V. Keldysh, 27 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, No 8, 1971,
pp 2-19.
JPRS 54696

Dec 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6



LASERS

LOKHOV, YU LANGUAGE-RU COUNTRY-US

NAUKA I ZHIZN', PUB BY 'PRAVDA', MOSCOW =?,19
71 P 31-33

FSTC-HT-23-2424-72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Industrial Laser Uses Discussed, by
Yu. Lokhov, V. Sipyagin, 6 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, No 9,
Sept 1971, pp 30-32.
JPRS 54512

Nov 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Psychologists Take up Methods of Exact Sciences,
by V. Asarnikov, 18 pp.
RUSSIAN, per. Nauka I Zhizn', Moscow, No 10, 1971,
pp 2-11.
JPRS 54623

Dec 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

New Belorussian Dump Trucks Described, by
S. Kipnis, 18 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, No 11,
Nov 1971, pp 9-17.
JPRS 54759

Jan 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Managerial Science and the National Economy,
15 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 1, 1972,
pp 2-7.
JPRS 55593

Apr 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Antisubmarine Defense Reviewed, by A. Sorokin,
11 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 1, Jan
1972, pp 48-55.
JPRS 55386

Mar 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Man in the Control System, by V. Trapeznikov,
18 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 2, 1972,
pp 2-10.
JPRS 56277

June 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Mechanics: The Ageless Science, by
Yo. P. Koskatov, 14 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 2, Feb
1972, pp 50-59.
JPRS 55819

May 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Man in Prolonged Space Flight, by
V. A.Shatalov, 12 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 3, Mar
1972, pp 2-7.
JPRS 56181

June 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Possibility of Water on Planets, by
V. Dergol'ts, 20 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 4, 1972,
pp 33-44.
JPRS 57709

Dec 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Anomalous Water -- Hypotheses and Facts, by
B. Deryagin, 13 pp.
RUSSIAN, per. Nauka i Zhizn', Moscow, No 4, 1972,
pp 70-76.
JPRS 57043

Sept 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Nuclear Engines in Space, by A. Vladimirov,
14 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 8, 1972,
pp 26-31.
JPRS 58457

Mar 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Reanimatology, by A. Aksel'rod, 14 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 11,
1972, pp 33-37. 14pp.
JPRS 58100

Feb 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Importance of Power Network Dispatchers Explained,
by V. Yankulin, 5 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 12, Dec
1972, pp 62-63.
JPRS 58023

Jan 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Autosuggestion, by A. Alekseyev, 8 pp.
RUSSIAN, per, Nauka i Zhizn', Moscow, No 1, 1973,
pp 138-143.
JPRS 58456

Mar 73

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Measurement of Science. Study of the Development of Science as an Information Process, by V. V. Nalimov, 196 pp.
RUSSIAN, bk, Naukometriya. Izuchenive Razvitiya Nauki kak Informatsionnogo Protsessa, 1969, pp 1-192.
AIR/FTD/MT-24-835-71

Feb 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Tantalum from Electron-Beam Smelting.
RUSSIAN, per. Naukova Dumka, 1965, 1 p.
*FTD-MT-23-1624-67C

Sci-Elec
Dec 67

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Asymptotic Methods in the Theory of Linear Differential Equations, by S. F. Feshchenko
RUSSIAN, bk, Naukova Dumka Kiev, 1966.
NLL Ref: 6015.49F (F-458)

Sci-Materials
Aug 68

362,:93

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6

Atlas of Hydrological Characteristics of the NW Part of the Black Sea, by K.A. Vinogradov, et al., 15 pp.
RUSSIAN, bk, Atlas, Naukovaya Dumka, Kiyev, 1966, pp. 1-14 and 79 Charts.
Dept of Navy NOO tr 362

Sci/Earth Sci. and Oceanography
Dec 67-Jan 68 351,529

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100710030-6